

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the instant application:

**Listing of Claims:**

1. (Currently Amended) A method for providing Web services comprising the steps of:

registering a Web service with a service registry provider;

conveying the Web service to a service provider;

installing the Web service within a service environment;

receiving a request for the Web service from a service user, wherein the user has selected the Web service from the service registry, wherein said request is received within an application server disposed within an application environment, and wherein said application environment is disposed within a different network space than said service environment;

executing a servlet within the application environment to establish a communication pathway between the application server and a gateway;

conveying service-initiating information to the gateway, the service-initiating information specifying the requested Web service;

accessing said requested Web service across ~~a Parlay~~ the gateway; and

transporting service data for said Web service from ~~a processor~~ the application server disposed in said application environment to the service user.

2. (Original) The method of claim 1, wherein said application environment is an open Internet environment, and wherein said service environment is at least one of a trusted network environment and a secure network environment.

3. (Cancelled).
4. (Original) The method of claim 1, wherein said accessing step further comprises the steps of:
  - initiating a component within said gateway that is specific to said Web service;
  - and,
  - initiating a component within said gateway that is applicable to multiple Web services.
5. (Original) The method of claim 1, said accessing step further comprises the step of:
  - conveying information between the gateway and the application environment using a Common Request Broker Architecture.
6. (Original) The method of claim 1, further comprising the step of:
  - responsive to receiving the request for the Web service, executing at least one Java servlet within said application environment that initiates said accessing step.
7. (Cancelled).
8. (Currently Amended) A system for providing Web services comprising:
  - a service registry for registering a Web service;
  - a ~~Web service installed within~~ a service environment within which the Web service is installed;
  - an application server configured to distribute said Web service to said ~~client application~~ a service user upon receiving a request from the service user, where the user has selected the Web service from the service registry, wherein said application server is

disposed within an application environment, and wherein the application environment is disposed within a different network space than said service environment; and

a Parlay gateway between said application server and the service environment for accessing the requested Web service installed within the service environment said ~~installed Web service.~~

9. (Original) The system of claim 8, wherein said Web service is associated with a Web Service Definition Language definition.

10. (Original) The system of claim 8, wherein said application server further comprises an application engine configured to execute modular server-side applications.

11. (Original) The system of claim 10, wherein said application server further comprises a component engine configured to provide interface routines for the applications of said application engine.

12. (Original) The system of claim 8, further comprising:

a communication link for exchanging Web service data between said gateway and said application server, wherein said communication link utilizes a Common Object Request Broker Architecture.

13. (Cancelled).

14. (Original) The system of claim 8, wherein said gateway further comprises:  
a function specific component configured for a particular Web service; and  
a service component configured for a plurality of Web services.

15. (Currently Amended) A machine-readable storage having stored thereon, a computer program having a plurality of code sections, said code sections executable by a machine for causing the machine to perform the steps of:

registering a Web service with a service registry provider;

conveying the Web service to a service provider;

installing the Web service within a service environment;

receiving a request for the Web service from a service user, wherein the user has selected the Web service from the service registry, wherein said request is received within an application server disposed within an application environment, and wherein said application environment is disposed within a different network space than said service environment;

executing a servlet within the application environment to establish a communication pathway between the application server and a gateway;

conveying service-initiating information to the gateway, the service-initiating information specifying the requested Web service;

accessing said requested Web service across a ~~Parlay~~ the gateway; and

transporting service data for said Web service from a ~~processor~~ the application server disposed in said application environment to the service user.

16. (Original) The machine-readable storage of claim 15, wherein said application environment is an open Internet environment, and wherein said service environment is at least one of a trusted network environment and a secure network environment.

17. (Cancelled).

18. (Original) The machine-readable storage of claim 15, wherein said accessing step further comprises the steps of:

initiating a component within said gateway that is specific to said Web service;  
and

initiating a component within said gateway that is applicable to multiple Web services.

19. (Original) The machine-readable storage of claim 15, said accessing step further comprises the step of:

conveying information between the gateway and the application environment using a Common Request Broker Architecture.

20. (Original) The machine-readable storage of claim 15, further comprising the step of:

responsive to receiving the request for the Web service, executing at least one Java servlet within said application environment that initiates said accessing step.

21. (Cancelled).

22. (Currently amended) A system for providing Web services comprising the steps of:

means for registering a Web service with a service registry provider;

means for conveying the Web service to a service provider;

means for installing the Web service within a service environment;

means for receiving a request for the Web service from a service user, wherein the user has selected the Web service from the service registry, wherein said request is received within an application server disposed within an application environment, and wherein said application environment is disposed within a different network space than said service environment;

means for executing a servlet within the application environment to establish a communication pathway between the application server and a gateway;

means for conveying to the gateway service-initiating information specifying the requested Web service;

means for accessing said requested Web service across a ~~Parlay~~ the gateway; and

means for transporting service data for said Web service between a ~~processor~~ the application server disposed in said application environment and the service user.

23. (New) The method of claim 1, wherein said gateway is a Parlay gateway.
24. (New) The system of claim 8, wherein said gateway is a Parlay gateway.
25. (New) The machine-readable storage of claim 15, wherein said gateway is a Parlay gateway.